

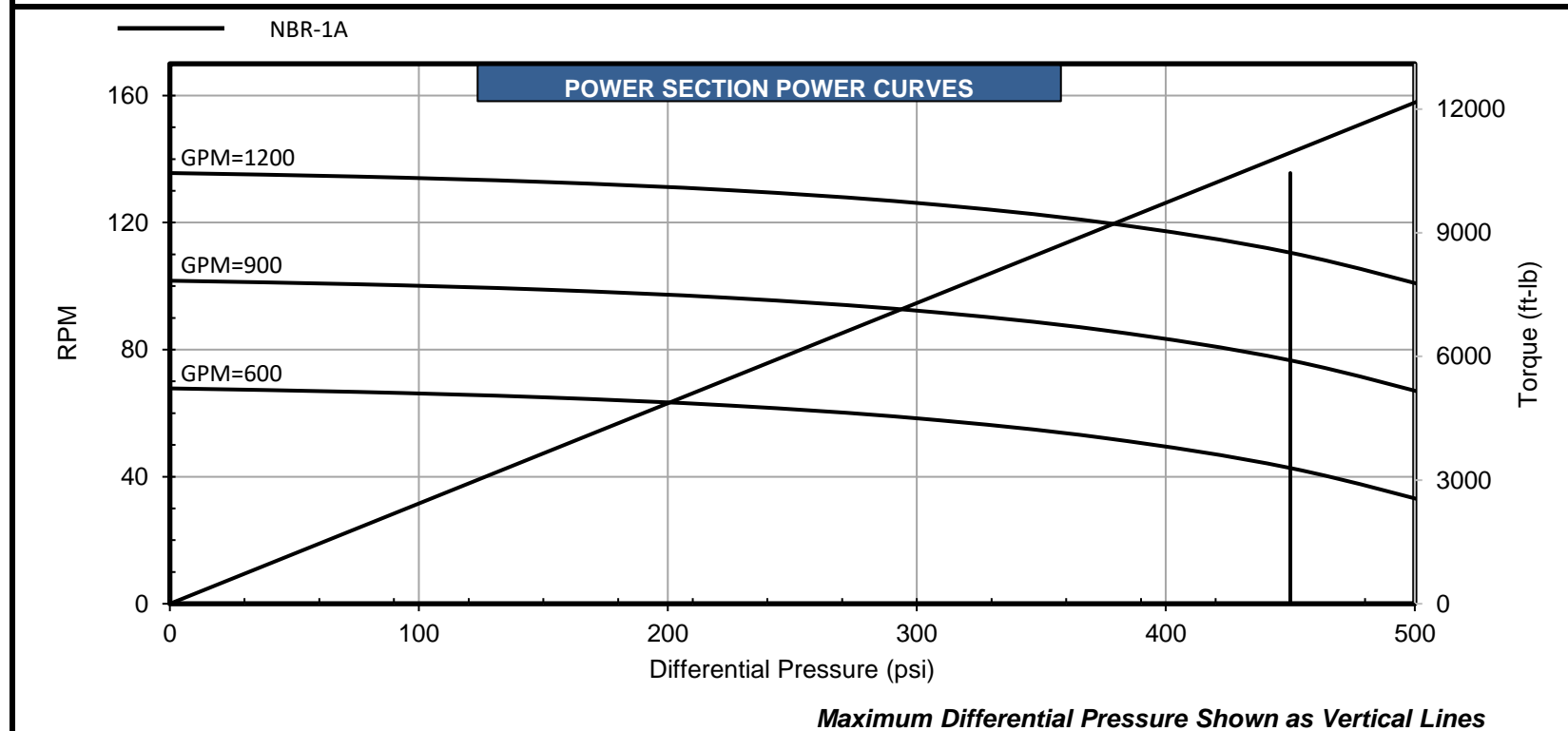
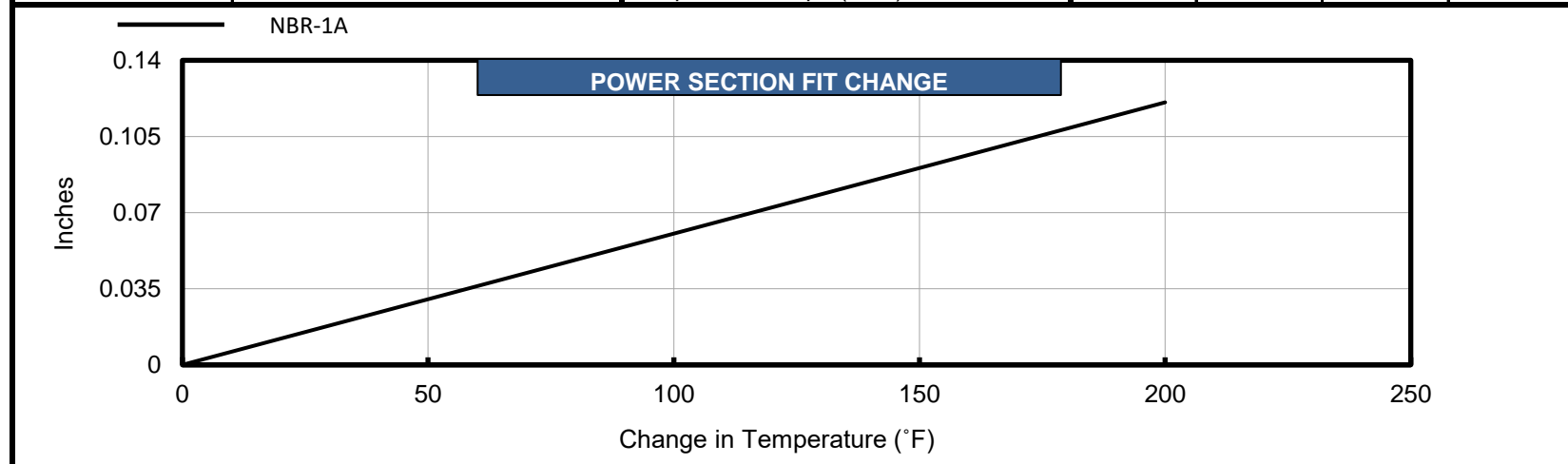


## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (in)					ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
Stator Size	NBR-1A	DynaPower			(in)	(in)	(in)	(in)
		XR	HR	XP				
1 Undersize					Overall Length	167.0	Overall Length	178.0
Standard	5.296				Contour Length	158.6	Rubber Cutback #1**	10.0
1 Oversize					Eccentricity	0.449	Rubber Cutback #2**	10.0
2 Oversize					Major Diameter	6.236	Tube O.D.	9.63
<b>Nominal Fit at 75°F</b>					Head Diameter	5.500	Tube I.D.	7.88
1 Undersize					Weight (lb)	935	Weight (lb)	1334
Standard	0.042				Material	17-4SS	Number of Stages	3.0
1 Oversize					Thread Form**	4 API FH		
2 Oversize								

\*\* Alternate or custom thread forms and cutbacks are available upon request

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	24.320 ft-lb/psi	Max. Diff. Press. (psi)	450			
Flow Range	600 to 1200 GPM	Max. Torque (ft-lb)	10940			
RPG	0.113 rev/gal	Stall Diff. Press. (psi)	680			
Speed Range	68 to 136 RPM	Stall Torque (ft-lb)	16420			
Off Bottom Press.	188 psi	Max. Recommended (HP)	230			
		PSI Per Stage	150			
		PSI Per Cavity	35			
		Temperature Slope (in/°F)	0.000603			



Maximum Differential Pressure Shown as Vertical Lines

Operating a power section above the maximum recommended differential pressure will reduce stator life. Performance curves are for reference only. Actual power section performance may vary depending on the down hole temperature and rotor/stator fit. Performance data are subject to change without notice. Power calculation is based on maximum RPM and full torque. Stator sizes subject to change without notice.



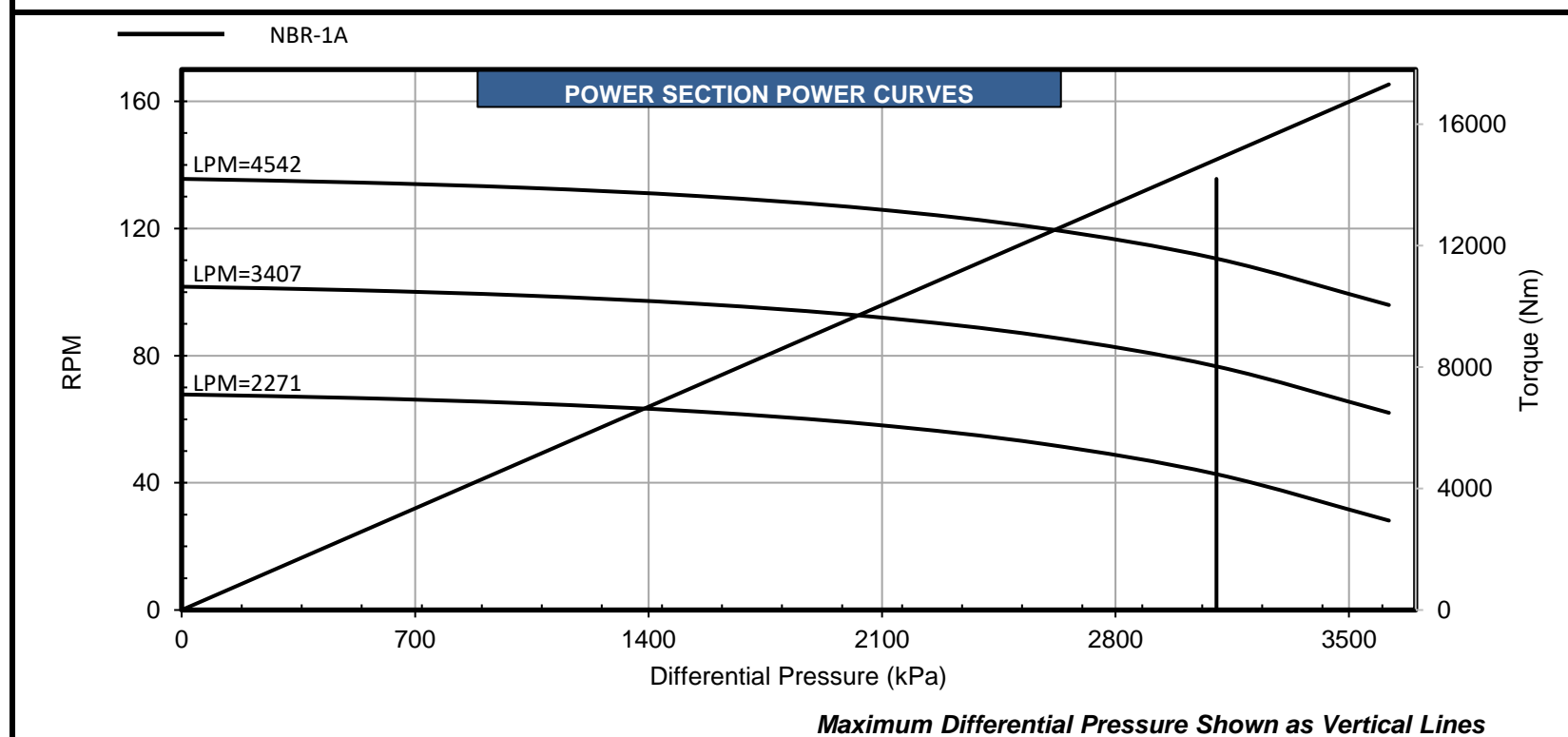
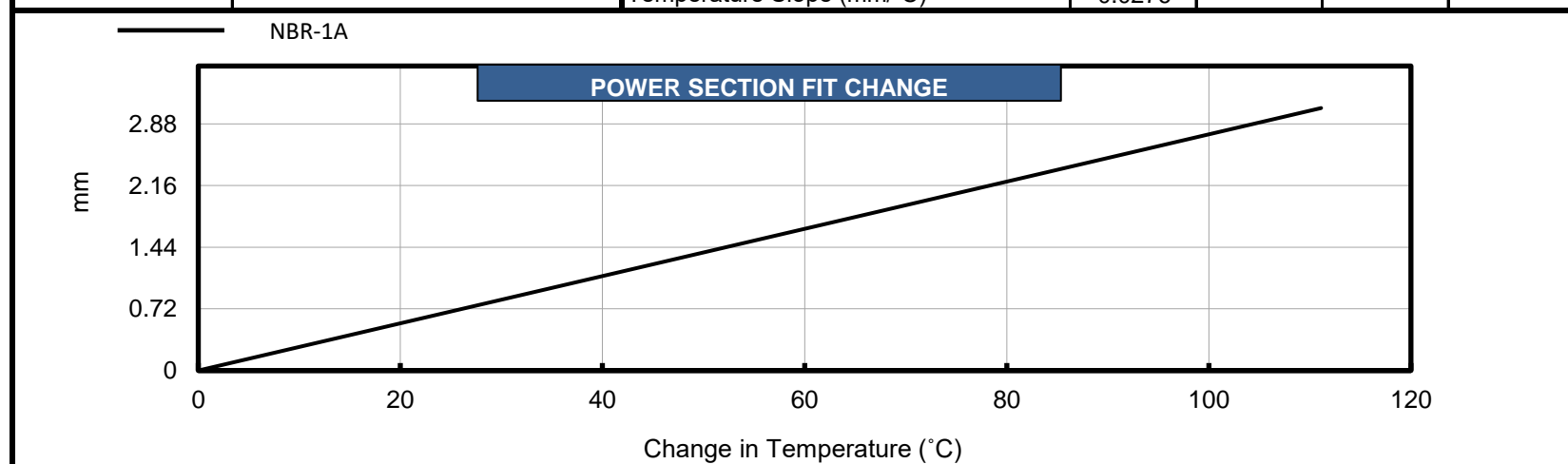
## POWER SECTION

FIT INFORMATION - MINOR DIAMETER (mm)				
Stator Size	NBR-1A	DynaPower		
		XR	HR	XP
1 Undersize				
Standard	134.52			
1 Oversize				
2 Oversize				
Nominal Fit at 75°F				
1 Undersize				
Standard	1.07			
1 Oversize				
2 Oversize				

ROTOR SPECIFICATIONS		STATOR SPECIFICATIONS	
	(mm)		(mm)
Overall Length	4241.8	Overall Length	4521.2
Contour Length	4028.4	Rubber Cutback #1**	254.0
Eccentricity	11.40	Rubber Cutback #2**	254.0
Major Diameter	158.39	Tube O.D.	244.6
Head Diameter	139.70	Tube I.D.	200.2
Weight (kg)	424	Weight (kg)	605
Material	17-4SS	Number of Stages	3.0
Thread Form**	4 API FH		

\*\* Alternate or custom thread forms and cutbacks are available upon request

PERFORMANCE SPECIFICATIONS						
			NBR-1A	XR	HR	XP
Torque Slope	4.782 Nm/kPa	Max. Diff. Press. (kPa)	3103			
Flow Range	2271 to 4542 Litre/min	Max. Torque (Nm)	14833			
RPG	0.030 rev/litre	Stall Diff. Press. (kPa)	4688			
Speed Range	68 to 136 RPM	Stall Torque (Nm)	22263			
Off Bottom Press.	1296 kPa	Max. Recommended (kW)	172			
		kPa Per Stage	1034			
		kPa Per Cavity	241			
		Temperature Slope (mm/°C)	0.0276			



Operating a power section above the maximum recommended differential pressure will reduce stator life. Performance curves are for reference only. Actual power section performance may vary depending on the down hole temperature and rotor/stator fit. Performance data are subject to change without notice. Power calculation is based on maximum RPM and full torque. Stator sizes subject to change without notice.